

Glencoe Algebra 1, KY Edition

Glencoe Algebra 1 is a key program in our vertically aligned high school mathematics series developed to help all students achieve a better understanding of mathematics and improve their mathematics scores on today's high-stakes assessments. This program ensures complete and in-depth coverage of the Kentucky Combined Curriculum, including the Program of Studies and the Related Core Content for Assessment, by providing a pacing guide, correlations, Countdown to the KCCT, and standards written out at point of use in each lesson.

Contract Price

\$66.48

Grade

9,10,11,12

TYPE

P1

Copyright

2010

Author

Glencoe/McGraw-Hill

Edition

1

Content

Algebra 1

Readability

8.1 Dale Chall

Accessibility

Nimas

Research

www.glencoe.com

Teacher Edition	
007888487X	\$93.00
Glencoe Algebra 1, KY Edition	
Essential Items	
Ancillary Items	
Free with Purchase items	
0078743419 Professional Development, DVD Video Workshop	\$199.95
Free Per School, Print Option Only	
0078746450 Scanner	
Free Per School (Ratio 1 free Per 250 Student Editions Purchased): Print Option Only (NOT AVAILABLE)	
0078746493 Turning Point Response Technology System & Software	
Hardware Choice: Choose 1 of 4 Options Per Teacher (0078746493 or 0078762324 or 0078885310 or	
0078749247 Educational Strategies in Mathematics for Grades 6–12: DVD Video	\$149.97
Free Per School, Print Option Only	
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Hardware Choice: Choose 1 of 4 Options Per Teacher (0078746493 or 0078762324 or 0078885310 or	
0078762324 Laptop	
Hardware Choice: Choose 1 of 4 Options Per Teacher (0078746493 or 0078762324 or 0078885310 or	
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0078885310 Projector	
Hardware Choice: Choose 1 of 4 Options Per Teacher (0078746493 or 0078762324 or 0078885310 or	
0078885345 Algebra 1 eSolutions Manual Plus	\$49.98
Free Per Teacher, Print & Tech Option	
0078902452 KY StudentWorks™ Plus CD-ROM	\$84.48
Choice of Either DVD or CD-ROM format, Free per Student, Print & Tech Options	
0078902460 KY StudentWorks™ Plus DVD	\$84.48
Choice of Either DVD or CD-ROM format, Free per Student, Print & Tech Options	
0078902576 KY TeacherWorks™ Plus CD-ROM	\$189.00
Choice of Either DVD or CD-ROM format, Free per Teacher, Print & Tech Options	
0078902584 KY TeacherWorks™ Plus DVD	\$189.00
Choice of Either DVD or CD-ROM format, Free per Teacher, Print & Tech Options	
0078905095 5-Minute Check Transparencies	\$48.00
Free Per Teacher, Print Option Only	
0078908353 Study Guide & Intervention Workbook	\$3.99
Choice A: Choose 2 of 2 items per student, Print Option Only	
0078908361 Practice Workbook	\$3.99
Free per student, Print Option Only (1st year of adoption, subsequent years upon request)	
0078908434 Spanish Assessment Masters	\$19.50
Free Per School, Print Option Only	
0078908442 Study Notebook	\$9.99
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Free Per Teacher, Print Option Only	
0078915228 ExamView® Assessment CD-ROM	\$169.98

Glencoe Algebra 1, KY Edition

Free Per Teacher, Print & Tech Option

0078915295 Interactive Classroom \$99.00

Free Per Teacher, Print & Tech Option

0078920981 Teacher Classroom Resources \$189.00

Free per Teacher, Print Option Only & Free Per School, Tech Option Only

007890840X Practice Workbook, Spanish \$3.99

Free Per School, Print Option Only

SAM8884861 Kentucky Student Edition, Comp Copy

Free Per Student Edition Purchased (ratio 1 free Per 4 Student Editions Purchased): Print Option Only

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 0078884861	Publisher - Glencoe/McGraw-Hill		Provided by the Publisher
	Glencoe Algebra 1, KY Edition			
	Type - P1	Author - Glencoe/McGraw-Hill		
	Copyright - 2010	Edition - 1	Readability - 8.1 Dale Chall	
	Course - Algebra 1		Grade(s) - 9,10,11,12	
Teacher Edition ISBN if applicable 007888487X				

Overall Recommendation: Overall Strengths, Weaknesses, Comments: Click here to enter text.	Recommended as BASAL if this box is not checked, the evaluators have chosen NOT recommend as basal
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NIMAC Accessibility N
 Ancillary No
 Free with Purchase Yes
 Research Yes www.glencoe.com

Glencoe Algebra 1 is a key program in our vertically aligned high school mathematics series developed to help all students achieve a better understanding of mathematics and improve their mathematics scores on today's high-stakes assessments. This program ensures complete and in-depth coverage of the Kentucky Combined Curriculum, including the Program of Studies and the Related Core Content for Assessment, by providing a pacing guide, correlations, Countdown to the KCCT, and standards written out at point of use in each lesson.

CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence	
Text is designed to be used in an elective course outside the Program of Studies	
1) Includes the 5 Big Ideas of mathematics to the following extent:	
a) Number Properties and Operations	Strong Evidence
b) Measurement	Moderate Evidence
c) Geometry	Moderate Evidence
d) Data Analysis and Probability	Strong Evidence
e) Algebraic Thinking	Strong Evidence
2) Addresses content-specific enduring understandings from the related Program of Studies standards.	Strong Evidence
3) Addresses content-specific skills and concepts from the related Program of Studies standards.	Strong Evidence

4) Content addressed is current, relevant and non-trivial	Strong Evidence
5) Provides opportunities for critical thinking/reasoning	Strong Evidence
6) Strengths, Weaknesses, Comments: <ul style="list-style-type: none"> • Specific strengths-which areas/concepts are covered exceptionally well? • Specific weaknesses-which areas/concepts would likely require supplementing? <p>Strengths Strong number sense review. All core content is covered. Correlates the Program of Studies to each lesson. Provides vertical alignment.</p> <p>Weaknesses:</p>	
B. Functionality & Suitability	Strong Evidence
1) Suitability	Strong Evidence
<ul style="list-style-type: none"> • Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind. 	
2) Content quality	Moderate Evidence
<ul style="list-style-type: none"> • Free from factual errors • Content is presented conceptually when possible—more than a mere collection of facts • Content included accurately represents the knowledge base of the discipline • Theories/scientific models contained represent a broad consensus of the scientific community • Interconnections among mathematical topics 	
3) Connections to Literacy	Strong Evidence
<ul style="list-style-type: none"> • Employs a variety of reading levels and is grade/level appropriate • Use of multiple representations-concrete, visual/spatial, graphs, charts, etc. • Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles. • Student text provides opportunity to integrate reading and writing • Uses vocabulary that is age and content appropriate • Focuses on critical vocabulary vs. extensive lists • Identifies key vocabulary through definitions in both text and glossary • The text is engaging and facilitates learning • Embedded activities enhance the understanding of the text <p><i>Note: may apply to either student or teacher editions</i></p>	
4) Connections to Technology	Strong Evidence
<ul style="list-style-type: none"> • Integrates technology and reflects the impact of technological advances • Uses technology in the collection and/or manipulation of authentic data • Embeds web links as a mathematics resource. 	

5) Support for Diverse Learners**Strong Evidence**

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Strengths:

Text uses multiple strategies to present a single concept

Key vocabulary listed by lesson

Real world examples/links

Step by step solutions for some problems

Relevant graphing calculator activities built into chapters

Glossary easy to read and is also provided in Spanish

Built in essential vocabulary review by lesson

Web activities and links provided at glrncoe.com

Weaknesses:

Limited ESL resources

Invalid page number for graphing technology lab – curve fitting(on page 590-591 not 578-579)

C. Supports Inquiry and Skill Development**Strong Evidence**

1) Promotes Inquiry, research and Application of Learning**Strong Evidence**

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development**Strong Evidence**

- Provides opportunities to make sense of all mathematics
 - Provides opportunities to recognize, create, and extend patterns.
-

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

Strengths:

HOT (higher order thinking) Topics provide critical thinking etc.

Graphing calculator activities built into the units

Real world examples provided throughout the text

Text provides reference section of key concepts by chapter

D. Supports Best Practices of Teaching and Learning	Strong Evidence
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1) Engages Students

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction

Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Strengths

The why in math is answered in every lesson.

Provides differentiated instructional ideas and homework options

Provides multiple assessment strategies

Weaknesses

Does not address the DOK levels

E. Has an Organization/ Format that Supports Learning and Teaching

Strong Evidence

1) Organizational Quality

Strong Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

Choose an item.

2) Essential Components (beyond student and teacher text)

NOT APPLICABLE

- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Strengths:

Core content provided for each lesson

Objectives clearly stated

Glossary in both Spanish and English

Weaknesses:

No essential components all materials provided free with purchase

Not certain how well the textbooks will hold up

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Strong Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals

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-
- Provide opportunities for high-level thinking, assessment, and/or problem solving
 - Provides opportunities for intervention.
-

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

[Click here to enter text.](#)
